Vol. 295, Nos. 1–2 Clinica Chimica Acta May 2000

CONTENTS

Cited in: *Biological Abstracts—Elsevier BIOBASE/Current Awareness in Biological Sciences—Chemical Abstracts—Current Contents/Life Sciences—EMBASE Excerpta Medica—Index Medicus—Clinical Chemistry Lookout—Current Clinical Chemistry—Informedicus—PASCALM—Reference Update—Current Clinical Cancer*

Research articles

Distribution of serum apolipoproteins A-I and B and lipoprotein(a) in European elderly. The SENECA study
J.H. Contois, A.H.B. Wu, Z. Li, A.H. Feroze, F. Grunenberger, J. Haller, L. deGroot and C.J. Lammi-Keefe (USA, France, Switzerland, The Netherlands) 1

Neutrophil intracellular pH and phagocytosis after thermal trauma
C. Sachse, G. Wolterink and N. Pallua (Germany) 13

Aberrant forms of α_2-macroglobulin purified from patients with multiple sclerosis
M. Gunnarsson, T. Stigbrand and P.E.H. Jensen (Sweden, Denmark) 27

Effect of epithelial debridement on glycosaminoglycan synthesis by human corneal explants
E.S. Soriano, M.S.Q. Campos and Y.M. Michelacci (Brazil) 41

Free and total magnesium in lymphocytes of migraine patients — effect of magnesium-rich mineral water intake
J. Thomas, J.-M. Millot, S. Sebille, A.-M. Delabroise, E. Thomas, M. Manfait and M.J. Arnaud (France) 63

Identification of a dysfibrinogen, the substitution of γ308Asn(AAT) to Lys(AAG), using coagulation tests, immunoblot analysis, and allele-specific polymerase chain reaction
F. Terasawa, K. Fujita, M. Tozuka, H. Ota, T. Katsuyama and N. Okumura (Japan) 77

Identification of undescribed medium-chain acylcarnitines present in urine of patients with propionic and methylmalonic acidemias
R. Libert, F. Van Hoof, M. Thillaye, M.-F. Vincent, M.-C. Nassogne, E. de Hoffmann and A. Schanck (Belgium) 87

Reactions of direct LDL-cholesterol assays with pure LDL fraction and IDL: comparison of three homogeneous methods
T. Sakaue, T. Hirano, G. Yoshino, K. Sakai, H. Takeuchi and M. Adachi (Japan) 97

(continued on inside back cover)

CONTENTS Direct This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0009-8981(200005)295:1/2;1-Q 05097

(continued from back cover)

Development of specific monoclonal antibodies and a sensitive discriminatory immunoassay for the circulating tumor markers SCCA1 and SCCA2
S. Çataltepe, C. Schick, C.J. Luke, S.C.O. Pak, D. Goldfarb, P. Chen, M.J. Tanasiyevic, M.R. Posner and G.A. Silverman (USA) 107

Effect of timosaponin E1 and E2 on superoxide generation induced by various stimuli in human neutrophils and on platelet aggregation in human blood
N. Kaname, J. Zhang, Z. Meng, S. Xu, K. Sugahara, Y. Doi and H. Kodama (Japan, USA, China) 129

Antioxidant ability of caffeine and its metabolites based on the study of oxygen radical absorbing capacity and inhibition of LDL peroxidation
C. Lee (USA) 141

Analysis of 7-ketocholesterol in low density lipoprotein and fatty acid composition in erythrocyte membranes of patients on maintenance hemodialysis and healthy controls
D. Tsuzuki, K. Sumino and M. Yokoyama (Japan) 155

Short communications

Antioxidant defence in recurrent abortion
P. Vural, C. Akgül, A. Yildirim and M. Canbaz (Turkey) 169

Detection of cocaine metabolite in serum and urine: frequency and correlation with medical diagnosis
M.W. Linder, G.M. Bosse, M.T. Henderson, G. Midkiff and R. Valdes (USA) 179

Alternative method for diagnosis of two polymorphisms in the human transforming growth factor-β1 by PCR-mediated double site-directed mutagenesis
J.A. Hubacek and J. Lacha (Czech Republic) 187

Case report

Rapid parathyroid hormone measurement during venous localization
R. Udelsman, F. Osterman, L.J. Sokoll, H. Drew, M.A. Levine and D.W. Chan (USA) 193

Letters to the Editor

Plasma prolidase may be an index of liver fibrosis in the rat
P. Abraham, G. Wilfred and B. Ramakrishna (India) 199

Plasma extracellular-superoxide dismutase in healthy newborns and infants/children
T. Adachi, K. Masuda, H. Hara, M. Yamamoto, N. Mitsui, T. Oh-ishi and M. Okazaki (Japan) 203

Calendar 207
Author index 209
Subject index 211
Instructions to Authors 215